

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/643,681 A
Source: JPW/6
Date Processed by STIC: 5/16/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 05/19/2005

PATENT APPLICATION: US/10/643,681A

TIME: 09:44:30

Input Set : N:\CrF4\05122005\J643681B.raw

Output Set: N:\CRF4\05182005\J643681A.raw

C--> 1 <110> APPLICANT: KOLTERMAN, ORVILLE G.
 2 YOUNG, ANDREW A.
 3 RINK, TIMOTHY J.
 4 BROWN, KATHLEEN ANN KEATING
 5 <120> TITLE OF INVENTION: METHODS FOR REGULATING GASTROINTESTINAL MOTILITY
 6 <130> FILE REFERENCE: 18528.642
 7 <140> CURRENT APPLICATION NUMBER: US/10/643,681A
 8 <141> CURRENT FILING DATE: 2003-08-18
 9 <150> PRIOR APPLICATION NUMBER: 09/576,062
 10 <151> PRIOR FILING DATE: 2000-05-22
 11 <150> PRIOR APPLICATION NUMBER: 08/302,069
 12 <151> PRIOR FILING DATE: 1994-09-07
 13 <150> PRIOR APPLICATION NUMBER: 08/118,381
 14 <151> PRIOR FILING DATE: 1993-09-07
 15 <160> NUMBER OF SEQ ID NOS: 31
 16 <170> SOFTWARE: PatentIn Ver. 3.3
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 37
 20 <212> TYPE: PRT
 21 <213> ORGANISM: Artificial Sequence
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 24 peptide construct
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
 27 positions 2 and 7
 28 <220> FEATURE:
 29 <221> NAME/KEY: MOD_RES
 30 <222> LOCATION: (37)
 31 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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 33 Lys Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu
 34 1 5 10 15
 35 Val His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
 36 20 25 30
 37 Gly Ser Asn Thr Tyr
 38 35
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 44 <220> FEATURE:
 45 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

pg-b

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49 <222> LOCATION: (24)
50 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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65 <223> OTHER INFORMATION: Disulfide bridge between the Cys residues at
66      positions 2 and 7
67 <220> FEATURE:
68 <221> NAME/KEY: MOD_RES
69 <222> LOCATION: (37)
70 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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75          20              25              30
76      Gly Ser Asn Thr Tyr
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88      positions 1 and 6
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92 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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94      Cys Asn Thr Ala Thr Cys Ala Thr Gln Arg Leu Ala Asn Phe Leu Val
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96      His Ser Ser Asn Asn Phe Gly Ala Ile Leu Ser Ser Thr Asn Val Gly

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114 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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119          20          25          30
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132      positions 1 and 6
133 <220> FEATURE:
134 <221> NAME/KEY: MOD_RES
135 <222> LOCATION: (36)
136 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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146 <211> LENGTH: 37
147 <212> TYPE: PRT
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154     positions 2 and 7
155 <220> FEATURE:
156 <221> NAME/KEY: MOD_RES
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163         20             25             30
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169 <212> TYPE: PRT
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176     positions 2 and 7
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179 <222> LOCATION: (37)
180 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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184     Val Arg Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val
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198     positions 1 and 6
199 <220> FEATURE:

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Output Set: N:\CRF4\05182005\J643681A.raw

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201 <222> LOCATION: (36)
202 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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205         1             5             10             15
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220     positions 1 and 6
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223 <222> LOCATION: (36)
224 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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227         1             5             10             15
228     His Ser Ser Asn Asn Phe Gly Pro Ile Leu Pro Pro Thr Asn Val Gly
229             20             25             30
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231             35
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238 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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240 <220> FEATURE:
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243 <220> FEATURE:
244 <221> NAME/KEY: MOD_RES
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246 <223> OTHER INFORMATION: amidated Tyr (Tyrosinamide)
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250     Val His Ser Ser Asn Asn Leu Gly Pro Val Leu Pro Pro Thr Asn Val

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 05/19/2005
PATENT APPLICATION: US/10/643,681A TIME: 09:44:31

Input Set : N:\Crf4\05122005\J643681B.raw
Output Set: N:\CRF4\05182005\J643681A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:31; Xaa Pos. 1,2,7,13,17,18,19,20,21,23,25,26,28,29,31

VERIFICATION SUMMARY

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Input Set : N:\Crf4\05122005\J643681B.raw

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L:7 M:270 C: Current Application Number differs, Wrong Format

L:732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0

M:341 Repeated in SeqNo=31